

Title (en)

METHOD FOR ISOLATING PLASMIDS FROM SUSPENDED BACTERIAL CELLS

Title (de)

VERFAHREN ZUR ISOLIERUNG VON PLASMIDEN AUS SUSPENDIERTEN BAKTERIENZELLEN

Title (fr)

PROCEDE D'ISOLATION DE PLASMIDES A PARTIR DE CELLULES BACTERIENNES EN SUSPENSION

Publication

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Application

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Abstract (en)

[origin: WO02074954A1] The invention relates to a method for isolating plasmids from suspended bacterial or yeast cells by means of a filter matrix, whereby at least one lytically active substance is added to the suspension, said substance damaging or completely lysing the majority of cells in the suspension; at least one conformationally changing substance is added to the suspension, said substance causing a conformational change in the plasmid to be isolated, in such a way that a retention of the cell constituents in or on the filter matrix is promoted; and the suspension is then moved through a filter matrix. The cells, if not already fully lysed, are fully lysed on contact with the filter matrix and the released plasmids are retained in or on the filter matrix.

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